

Date:

Batch No:

Dart P/O:

Supplier:

Packing Slip:

Yes

No

Invoice:

Yes

No

Receipt:

Cash

Cr

Release Note Attached:

Yes

No

Waybill Attached:

Yes

No

Shipment Complete:

Yes

No

QC6 Inspection

Work Order

N/A

N/A

N/A

N/A

Discrepancies

Part Number	Description	Quantity Ordered	Quantity Received	Quantity Returned	Quantity Short	Comments

Initials of receiver (if shipment OK) Level 12

Location

Production/Admin:

Date

Received/Costing

Initial



O'Neal High-Performance Metals Group

**INVOICE**  
"We appreciate your business"  
Please Remit to:

RECEIVED NOV 23 2011

TW METALS, INC  
PO. BOX 933014  
ATLANTA GA 31193-3014

SALES OFFICE: 585-768-5600  
Please Reference Invoice Number with Payment

Invoice No
60453323
Invoice Date
11/15/11
Customer PO No
PO15444
Order Date
11/11/11

CUSTOMER# 1203820

**Sold to:**  
DART AEROSPACE LTD  
1270 ABERDEEN ST  
HAWKESBURY ON K6A 1K7  
CANADA

**Ship to:**  
DART AEROSPACE LTD  
1270 ABERDEEN ST  
HAWKESBURY ON K6A 1K7  
ONTARIO CANADA

<b>Payment Terms</b>	<b>Freight Terms</b>	<b>Shipped Via</b>	<b>Date Shipped</b>
NET 30 DAYS	PREPAID	COMMON CARRIER	11/14/11

Line No	Description	Quantity - UOM	Price - UOM	Extended Price
1	D6061-T6 3/8 OD X .058 WALL LENGTH:12 FT ML ECCN:EAR99	300.000 FT 25 EA	2.2500 FT	675.00 ✓
3	D6061-T6 5/16 OD X .058 WALL LENGTH:12 FT ML ECCN:EAR99	204.000 FT 17 EA	2.2000 FT	448.80 ✓
4	D6061-T6 5/8 OD X .065 WALL LENGTH:12 FT ML ECCN:EAR99	60.000 FT 5 EA	2.1000 FT	126.00 ✓

ENTERED NOV 28 2011

This Invoice is subject to and governed by the Terms and Conditions and Material Safety Data Sheet information in effect on the order date shown herein (the "Terms and Conditions"). For Terms and Conditions go to [www.twmetals.com](http://www.twmetals.com). The Terms and Conditions are made a part of this invoice through incorporation by reference and so will apply just the same as if included in the body or on the reverse side of this invoice or if separately attached. If you cannot access the Terms and Conditions at the URL address provided, you may request them by calling (800)228-3950.

**DIVERSION CONTRARY TO U.S. LAW IS PROHIBITED**

Goods covered by this invoice were produced in accordance with the applicable provisions of the Fair Labor Standards Act of 1938, as amended.

Invoice Subtotal: 1249.80  
Tax (if applicable): .00  
Invoice Total: 1249.80

PAID  
DEC 15 2011  
2020

If paid within discount period:



O'Neal High-Performance Metals Group

**INVOICE**  
"We appreciate your business"  
Please Remit to:

RECEIVED NOV 23 2011

TW METALS, INC  
PO. BOX 933014  
ATLANTA GA 31193-3014

SALES OFFICE: 585-768-5600  
Please Reference Invoice Number with Payment

Invoice No
60453328
Invoice Date
11/15/11
Customer PO No
PO15444
Order Date
11/11/11

CUSTOMER# 1203820

**Sold to:**  
DART AEROSPACE LTD  
1270 ABERDEEN ST  
HAWKESBURY ON K6A 1K7  
CANADA

**Ship to:**  
DART AEROSPACE LTD  
1270 ABERDEEN ST  
HAWKESBURY ON K6A 1K7  
ONTARIO CANADA

<b>Payment Terms</b> NET 30 DAYS	<b>Freight Terms</b> PREPAID	<b>Shipped Via</b> COMMON CARRIER	<b>Date Shipped</b> 11/14/11
-------------------------------------	---------------------------------	--------------------------------------	---------------------------------

Line No	Description	Quantity - UOM	Price - UOM	Extended Price
1	SMLS CD 304/L A269 1 OD X .049 WALL LENGTH:17/24 FT SHIP WITH 60453323 ECCN:2B999.g	20.000 FT 1 EA	2.1000 FT	42.00

SHIP WITH 60453323

This Invoice is subject to and governed by the Terms and Conditions and Material Safety Data Sheet information in effect on the order date shown herein (the "Terms and Conditions"). For Terms and Conditions go to [www.twmetals.com](http://www.twmetals.com). The Terms and Conditions are made a part of this invoice through incorporation by reference and so will apply just the same as if included in the body or on the reverse side of this invoice or if separately attached. If you cannot access the Terms and Conditions at the URL address provided, you may request them by calling (800)228-3950.

**DIVERSION CONTRARY TO U.S. LAW IS PROHIBITED**

Goods covered by this invoice were produced in accordance with the applicable provisions of the Fair Labor Standards Act of 1938, as amended.

ENTERED NOV 28 2011

Invoice Subtotal:	42.00
Tax (if applicable):	.00
Invoice Total:	42.00
DEC 15 2011 2020 (2000)	
If paid within discount period:	

# Purchase Order Receipt Listing

Friday, November 18, 2011 10:17:08 AM

All amounts are calculated in domestic currency.

All Vendors PO ID PO15444 Receipt Dates from 11/18/2011 to 11/18/2011 All Line Item Types

All Item ID/GL/WOs All Rec. Employees All Currencies

Grouped by Vendor ID

Purchase Order ID/ Curr Type	Line Nbr/ Insp	Project ID	Reference/ Description/ Cert Sta	PO U/M / Stock U/M	Required Date Required Qty	Recv Date/ Recv Emp	Recv Qty (PO U/M)	Cost Per Unit/ Recv Value	Inspected Qty/ Rejected Qty (PO U/M)	MRB Qty/ MRB Reject Qty	Book Amt
Vendor ID PO15444	1		VU-TWM001	TW Metals							
USD	No		M6061T6T0.375W.0 f 58		11/15/2011	11/18/2011	300.0000	\$2.29	0.0000	0	\$686.27
	No		6061-T6 RD Tube .375 x.058W 119678	f	300.0000	DESI02		\$686.27	0.0000	0	
	2		M304TR1.000W.049 f 304 RD Tube 1.00 x f .049W 119678		11/15/2011	11/18/2011	20.0000	\$2.14	0.0000	0	\$42.70
	No			f	24.0000	DESI02		\$42.70	0.0000	0	
	3		M6061T6T0.3125W. f 058		11/15/2011	11/18/2011	204.0000	\$2.24	0.0000	0	\$456.29
	No		ALUM TUBE .3125 x.058w 119678	f	200.0000	DESI02		\$456.29	0.0000	0	
	4		M6061T6T0.625W.0 f 65		11/15/2011	11/18/2011	60.0000	\$2.14	0.0000	0	\$128.10
	No		6061-T6 RD Tube .625 x.065W 119678	f	60.0000	DESI02		\$128.10	0.0000	0	
<div> <div>Total Received Quantity:</div> <div>Total Qty to Inspect (PO U/M):</div> <div>Total Reject Quantity:</div> <div>Total Receipt Value:</div> <div>Total Balance Due Quantity:</div> </div>											<div>584.0000</div> <div>0.0000</div> <div>0.0000</div> <div>\$1,313.37</div> <div>4.0000</div>



# PACKING SLIP

ORDER NO.: 60453328 FROM: CRAN PAGE 1

CUST NUMBER: 1203820 NET WGT: 9.953 REQ.DATE: 11/15/11 CONFIRMED  
SOLD TO: SHIP TO:  
DART AEROSPACE LTD DART AEROSPACE LTD  
1270 ABERDEEN ST 1270 ABERDEEN ST  
HAWKESBURY ON HAWKESBURY ON  
CANADA CN K6A 1K7 ONTARIO CANADA CN K6A 1K7

SALESPERSON: DONNA SMALLEY DISTRICT: CRANBURY  
TERMS: NET 30 DAYS VIA: COMMON CARRIER  
F.O.B.: SHIPPING POINT FREIGHT: PREPAID  
CUST ORD NO.: PO15444 RELEASE NO.:  
RECEIVING PHONE:

LINE ITEM DESCRIPTION WIDTH LENGTH

0001 37056 SMLS CD 304/L A269 1 OD X .049 WA 17/24 FT  
QTY: 20.000 FT WT: 9.953 PC: 1 SHP: 20.000 FT

\*\* 1 TEST REPORTS REQUIRED \*\*  
\*\* 1 CERTS REQUIRED \*\*

ECCN: 2B999.g Export License: NLR Expiration Date: 0/00/00  
PO:49250764 HT:YT10725 PC: 1 SLB/CL:7-87  
MLT:CHINA MFG:CHINA  
SHIP WITH 60453323

SHIP WITH 60453323

----- PACK INFO -----						
AREA	TYPE OF PKG	PKGS	GRS WEIGHT	WIDTH	LENGTH	HGHT
B	CARTON	1.000	19.000		20.5000	
-----						
		1.000	19.000			

BY: RL  
RT 000-

UNLOAD TYPE: NONE SPECIFIED

DATE SHIPPED \_\_\_\_\_

DATE FILLED \_\_\_\_\_

THANK YOU FOR THIS ORDER

TERMS AND CONDITIONS APPLICABLE TO THE SALE  
OF THESE PRODUCTS ARE SET FORTH ON THE  
REVERSE SIDE FOR YOUR CAREFUL REVIEW.



# PACKING SLIP

ORDER NO.: 60453328 FROM: CRAN PAGE 2

CUST NUMBER: 1203820 NET WGT: 9.953 REQ.DATE: 11/15/11 CONFIRMED  
SOLD TO: SHIP TO:  
DART AEROSPACE LTD DART AEROSPACE LTD  
1270 ABERDEEN ST 1270 ABERDEEN ST  
HAWKESBURY ON HAWKESBURY ON  
CANADA CN K6A 1K7 ONTARIO CANADA CN K6A 1K7  
SALESPERSON: DONNA SMALLEY DISTRICT: CRANBURY  
TERMS: NET 30 DAYS 27 ENGLEHARD DRIVE  
F.O.B.: SHIPPING POINT MONROE TWP NJ 08831  
CUST ORD NO.: PO15444  
VIA: COMMON CARRIER  
FREIGHT: PREPAID  
RELEASE NO.:  
RECEIVING PHONE:

"TW Metals MSDS data is available on our web site at [www.twmetals.com](http://www.twmetals.com). MSDS data can be found under the Technical Resources Tab, Product Statistics & Data and the TW Metals MSDS's heading. If you do not have web site access you may telephone 610-458-1300 and we will mail or fax a copy of our current MSDS data to your location."

## "CERTIFICATE OF CONFORMANCE"

"TW Metals certifies that the material supplied on this purchase order and contained in the heat/lot number referenced above has been manufactured, inspected, and tested in accordance with the material specification. These records are on file at TW Metals. Packaging material for shipments to Europe and China consists of manufactured wood products and complies with the European emergency measures for coniferous non-manufactured wood packing material"

**Electronically Generated Certificate-Valid without signature Date: 11/15/11**

These commodities have been exported from the United States in accordance with the U.S. export control laws, export administrations regulations. Diversion contrary to U.S. law prohibited.

**THANK YOU FOR THIS ORDER**

TERMS AND CONDITIONS APPLICABLE TO THE SALE OF THESE PRODUCTS ARE SET FORTH ON THE REVERSE SIDE FOR YOUR CAREFUL REVIEW.

## MILL TEST REPORT

Purchaser.: TW METALS-Cranbury				Certificate No.: 11-8-133					
Contract No.: TWM P.O.No.: M49250764				Date of Issue.: 2011.8.19					
Commodity: Stainless Steel Seamless Tubes				Specifications: ASTM A213-10/ASME SA213-08/ASTM A269-10 EAW					
Process: Cold Drawn				Delivery Condition: OD Polished to 240 Grit					
Steel Grade	Heat Number	Lot Number	Dimensions	Quantity					
				Pieces	Quantity (ft)				
TP304/TP304L	YT10725	7-87	1" x 0.049" x 20'	25	500				
Chemical Composition by Weight (%)									
Element	C	Mn	P	S	Si	Cr	Ni	Mo	Co
Requirements	≤0.035	≤2.00	≤0.045	≤0.030	≤1.00	18.00-20.00	8.00-12.00		
Ladle Analysis	0.025	0.72	0.038	0.004	0.41	18.14	8.08		
Product Analysis	0.029	0.69	0.039	0.010	0.49	18.38	8.33		
Mechanical Properties									
Test Item	Elongation (% in 2")	Tensile Strength (MPa)		Yield Strength (MPa)					
		Rm		Rp / 0.2%					
Requirements	≥35	≥515		≥205					
Test Results	63/64	590/600		240/250					
Test Item	Reduction of Area Z (%)	Hardness	Cold Bend Test	Flaring Test	Flattening Test	Flange Test	P.M.I. Test		
Requirements		HRB≤80		21%	e=0.09				
Test Results		75/77		Passed	Passed		OK		
Test Item	Eddy Current Test	Air Underwater	Ultrasonic Test	Intergranular Corrosion Test	Macroscopic Inspection				
Requirements	ASTM E 426			ASTM A262 E	End Cut	Appearance			
Test Results	Passed			OK	OK	OK			

## Additional Remarks:

- (1) All tubes annealed to above 1900 Deg F and water quenched below 800 Deg F in 3 minutes
- (2) Tubes tested per ASTM A1016-08
- (3) In Compliance with U.S. Mil-P-24691/3
- (4) In Compliance with EN 10204-3.1
- (5) Materials is NACE MR0103-2007 compliant
- (6) Materials is NACE MR0175/ISO 15156-2003 compliant
- (7) In Compliance with RoHS Directive 2008/35/EC
- (8) No weld repair performed
- (9) Free from mercury contamination
- (10) Billets melt and pipes/tubes manufactured in China
- (11) FAR BAA / DFARS BAA / FAR TAA: CANNOT CERTIFY COMPLIANCE
- (12) 100% PMI Tested

We hereby certify that this report is true and correct.

By: Shanghai Pufa Stainless Steel Pipe Factory



James Shi

Manager of Quality Control Department

Shanghai Pufa Stainless Steel Pipe Factory

No. 59, Shuangye Road, Wanggang, New Pudong District, Shanghai, China

TW METALS

OCT 11 2011

REPORT

ISO 9001:2008 Certified by Moody International 110703068

ACCEPTABLE BY

PED Certified by APRAGAZ 10/CN/2260-0-Rev 0



## PACKING SLIP

ORDER NO.: 60453323 FROM: CRAN PAGE 1

CUST NUMBER: 1203820 NET WGT: 39.513 REQ.DATE: 11/15/11 CONFIRMED  
SOLD TO: SHIP TO:  
DART AEROSPACE LTD DART AEROSPACE LTD  
1270 ABERDEEN ST 1270 ABERDEEN ST  
HAWKESBURY ON HAWKESBURY ON  
CANADA CN K6A 1K7 ONTARIO CANADA CN K6A 1K7

SALESPERSON: DONNA SMALLEY DISTRICT: CRANBURY  
TERMS: NET 30 DAYS VIA: COMMON CARRIER  
F.O.B.: SHIPPING POINT FREIGHT: PREPAID  
CUST ORD NO.: PO15444 RELEASE NO.:  
RECEIVING PHONE:

LINE	ITEM DESCRIPTION	WIDTH	LENGTH
0001	41952 D6061-T6 3/8 OD X .058 WA		12 FT ML
QTY:	300.000 FT	WT: 20.340 PC: 25 SHP:	300.000 FT ✓

\*\* 1 TEST REPORTS REQUIRED \*\*  
\*\* 1 CERTS REQUIRED \*\*

ECCN: EAR99 Export License: NLR Expiration Date: 0/00/00  
PO:49255874 HT:543977 PC: 25 SLB/CL:334291  
MLT:UNITED STATES MFG:UNITED STATES

0003	41723 D6061-T6 5/16 OD X .058 WA		12 FT ML
QTY:	200.000 FT	WT: 11.138 PC: 17 SHP:	204.000 FT ✓

\*\* 1 TEST REPORTS REQUIRED \*\*  
\*\* 1 CERTS REQUIRED \*\*

ECCN: EAR99 Export License: NLR Expiration Date: 0/00/00  
PO:49250970 HT:541901 PC: 17 SLB/CL:333694  
MLT:UNITED STATES MFG:UNITED STATES

0004	42558 D6061-T6 5/8 OD X .065 WA		12 FT ML
QTY:	60.000 FT	WT: 8.035 PC: 5 SHP:	60.000 FT

\*\* 1 TEST REPORTS REQUIRED \*\*  
\*\* 1 CERTS REQUIRED \*\*

ECCN: EAR99 Export License: NLR Expiration Date: 0/00/00  
PO:49255596 HT:F000124850001 PC: 5 SLB/CL:207919  
MLT:UNITED STATES MFG:UNITED STATES

----- PACK INFO -----  
AREA TYPE OF PKG PKGS GRS WEIGHT WIDTH LENGTH HGHT

THANK YOU FOR THIS ORDER

TERMS AND CONDITIONS APPLICABLE TO THE SALE  
OF THESE PRODUCTS ARE SET FORTH ON THE  
REVERSE SIDE FOR YOUR CAREFUL REVIEW.



**PACKING SLIP**

ORDER NO.: 60453323 FROM: CRAN PAGE 2

CUST NUMBER: 1203820    **NET WGT:**    **39.513**    REQ.DATE: 11/15/11 CONFIRMED  
SOLD TO:    SHIP TO:  
DART AEROSPACE LTD    DART AEROSPACE LTD  
1270 ABERDEEN ST    1270 ABERDEEN ST  
HAWKESBURY ON    HAWKESBURY ON  
CANADA    CN K6A 1K7    ONTARIO CANADA    CN K6A 1K7  
  
SALESPERSON:    DONNA SMALLEY    DISTRICT:    CRANBURY  
TERMS:    NET 30 DAYS    VIA:    COMMON CARRIER  
F.O.B.:    SHIPPING POINT    FREIGHT:    PREPAID  
CUST ORD NO.:    PO15444    RELEASE NO.:  
RECEIVING PHONE:

LINE	ITEM DESCRIPTION		WIDTH	LENGTH
B	REDDICRATE	1.000	69.000	12.5000

-----  
1.000    69.000

BY: VY  
RT 000-

UNLOAD TYPE: NONE SPECIFIED

DATE SHIPPED \_\_\_\_\_

DATE FILLED \_\_\_\_\_

**THANK YOU FOR THIS ORDER**

TERMS AND CONDITIONS APPLICABLE TO THE SALE  
OF THESE PRODUCTS ARE SET FORTH ON THE  
REVERSE SIDE FOR YOUR CAREFUL REVIEW.



# PACKING SLIP

ORDER NO.: 60453323 FROM: CRAN PAGE 3

CUST NUMBER: 1203820 NET WGT: 39.513 REQ.DATE: 11/15/11 CONFIRMED  
SOLD TO: SHIP TO:  
DART AEROSPACE LTD DART AEROSPACE LTD  
1270 ABERDEEN ST 1270 ABERDEEN ST  
HAWKESBURY ON HAWKESBURY ON  
CANADA CN K6A 1K7 ONTARIO CANADA CN K6A 1K7  
SALESPERSON: DONNA SMALLEY DISTRICT: CRANBURY  
TERMS: NET 30 DAYS 27 ENGLEHARD DRIVE  
F.O.B.: SHIPPING POINT MONROE TWP NJ 08831  
CUST ORD NO.: PO15444  
VIA: COMMON CARRIER  
FREIGHT: PREPAID  
RELEASE NO.:  
RECEIVING PHONE:

"TW Metals MSDS data is available on our web site at [www.twmetals.com](http://www.twmetals.com). MSDS data can be found under the Technical Resources Tab, Product Statistics & Data and the TW Metals MSDS's heading. If you do not have web site access you may telephone 610-458-1300 and we will mail or fax a copy of our current MSDS data to your location."

## "CERTIFICATE OF CONFORMANCE"

"TW Metals certifies that the material supplied on this purchase order and contained in the heat/lot number referenced above has been manufactured, inspected, and tested in accordance with the material specification. These records are on file at TW Metals. Packaging material for shipments to Europe and China consists of manufactured wood products and complies with the European emergency measures for coniferous non-manufactured wood packing material"

**Electronically Generated Certificate-Valid without signature Date: 11/15/11**

These commodities have been exported from the United States in accordance with the U.S. export control laws, export administrations regulations. Diversion contrary to U.S. law prohibited.

**THANK YOU FOR THIS ORDER**

TERMS AND CONDITIONS APPLICABLE TO THE SALE OF THESE PRODUCTS ARE SET FORTH ON THE REVERSE SIDE FOR YOUR CAREFUL REVIEW.

# KAISER ALUMINUM

FABRICATED PRODUCTS

**CERTIFIED TEST REPORT**  
<http://Certs.KaiserAluminum.com>

KAISER ALUMINUM  
 FABRICATED PRODUCTS, LLC  
 6573 W. WILLIS ROAD  
 CHANDLER, AZ 85226

CUSTOMER PO NUMBER: M49255596-1		CUSTOMER PART NUMBER: 42558		PRODUCT DESCRIPTION: Seamless Tube/Pipe	
KAISER ORDER NUMBER: 207919	LINE ITEM: 001	SHIP DATE: 08/09/2011	KAISER LOT NUMBER: F00012485	ALLOY: 6061	TEMPER: T6
WEIGHT SHIPPED: 417.000 LB	QUANTITY: 259.000 PCS	B/L NUMBER: 208558	DIAM/DAF/THKNS:	WIDTH:	LENGTH: 12.000 FT
SHIP TO: TW METALS INC 27 ENGLEHARD DRIVE EXIT 8A OFF NJ TPK MONROE TWP, NJ 08831 USA			SOLD TO: TW METALS INC 760 CONSTITUTION DRIVE SUITE 204 EXTON, PA 19341 USA		

## Actual Physical Properties

REFERENCE	DASH#	SAMPLE#	UTS (KSI)	YTS (KSI)	ELONG%	HARDNESS	CON%IACS	BEND
F00012485	0001	1	49.9	47.1	12.5	N/A	N/A	N/A

## Chemical Composition (wt%), Aluminum Remainder

LIMITS	Si	Fe	Cu	Mn	Mg	Cr	Zn	Ti	Pb	Bi	Zr	Ea	Tot
Maximum	0.80	0.70	0.40	0.15	1.20	0.35	0.25	0.15	NA	NA	NA	0.05	0.15
Minimum	0.40	0.00	0.15	0.00	0.80	0.04	0.00	0.00	NA	NA	NA	0.00	0.00
D69529	.64	.32	.23	.06	1.00	.07	.05	.02	.00	.00	.00	.03	.04
D69393	.62	.33	.24	.05	1.00	.08	.06	.03	.00	.00	.00	.02	.03

## CERTIFICATION

Kaiser Aluminum Fabricated Products, LLC ('Kaiser') hereby certifies that metal shipped under this order has been inspected and tested and found in conformance with the applicable specifications forming a part of the description set forth in Kaiser's sales acknowledgement form. Any warranty is limited to that shown on Kaiser's general terms & conditions of sale. Test reports are on file subject to examination.

Nathaniel Stevens, Quality Manager

Plant Serial: 00011353

Kaiser Order Number: 207919

Line Item: 001



# **KAISER ALUMINUM**

**FABRICATED PRODUCTS**

KAISER ALUMINUM  
FABRICATED PRODUCTS, LLC  
6573 W. WILLIS ROAD  
CHANDLER, AZ 85226

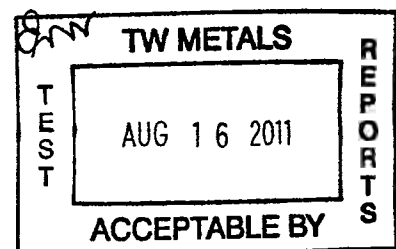
**CERTIFIED TEST REPORT**  
<http://Certs.KaiserAluminum.com>

## **Applicable Requirements:**

Description: OD: 0.625"; Wall: 0.065"; Round @  
AMS-4082P AMS-WW-T-700/6B ASTM-B210-04 WW-T-700/6F  
WE TAKE EXCEPTION TO PARA. 5.2.1., Per AMS-4082P, WAS NOT OILED.  
THE FOLLOWING SPECIFICATIONS HAVE BEEN MADE INACTIVE OR  
CANCELLED: MIL-T-7081, WW-T-700F/GEN, WW-T-700/2E, WW-T-700/3F,  
WW-T-700/4F, WW-T-700/5E, WW-T-700/6F, and WW-T-700/7B.  
This Product Complies to FAR BAA, DFARS BAA, FAR TAA  
COMPLIES TO DIN EN 10204 JAN 2005  
No Weld Repair. Mercury Free.

## **Miscellaneous Notes**

MANUFACTURED IN USA MELTED IN USA



## **CERTIFICATION**

Kaiser Aluminum Fabricated Products, LLC ('Kaiser') hereby certifies that metal shipped under this order has been inspected and tested and found in conformance with the applicable specifications forming a part of the description set forth in Kaiser's sales acknowledgement form. Any warranty is limited to that shown on Kaiser's general terms & conditions of sale. Test reports are on file subject to examination.

Nathaniel Stevens, Quality Manager

Plant Serial: 00011353

Kaiser Order Number: 207919

Line Item: 001

Control No: 141379



# Precision Tube Company

A Mueller Industries Company

287 Wissahickon Avenue

North Wales, Pennsylvania 19454

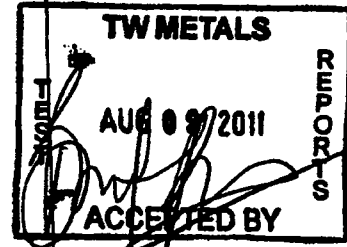
Phone: (215) 699-5801 - Fax: (215) 699-0761

Quality Management System Registered to ISO 9001: 2008

## CERTIFICATION AND TEST REPORTS

49255874 LINE 003		334291	24A037500580008
SOLD TO	TW METALS SUITE 204 760 CONSTITUTION DR. EXTON, PA 19341		SHIP TO TW METALS 2211 TUBEWAY AVENUE LOS ANGELES, CA 90040

1,500 FT	METAL - 6061 ALUM ✓ TEMPER - T6 ✓ SPEC - AMS 4082P ASTM-B-210-04 ✓ AMS-WW-T-700/6B ✓ LENGTH - 12 FT ✓ LGTH TOL +.1250 IN -.0000 IN ✓ SHAPE - ROUND ✓ FINISH - STRAIGHT EXACT LENGTHS ✓ OD .3750 +.0030 -.0030 ✓ ID ✓ WALL .0580 +.0040 -.0040 ✓	816 FT	08/04/11
----------	---	--------	----------



SAMPLE #	TENSILE STRENGTH (P.S.I.)	YIELD STRENGTH (P.S.I.)	ELONGATION IN 2 INCHES (%)	ROCKWELL HARDNESS	AVERAGE GRAIN SIZE (MM)
1	46,879 ✓	41,889 ✓	17 ✓		

EXPANSION TEST:

MERCURIOS NITRATE TEST:

MICRO EXAMINATION:

Country of Melt: USA ✓ Country of Mfg: USA ✓

FAR BAA \_\_\_\_\_ Complies \_\_\_\_\_ Cannot Certify Compliance

DFARS BAA \_\_\_\_\_ Complies \_\_\_\_\_ Cannot Certify Compliance FAR TAA \_\_\_\_\_ Complies \_\_\_\_\_ Cannot Certify Compliance

FLATTENING TEST: PASS

FLARE TEST:

EDDY CURRENT TEST: PASS

HYDROSTATIC PRESSURE TEST:

ULTRASONIC TEST:

ALLOY: 6061	HEAT:	TRACEABILITY #: 543977 ✓
		RAW MATL VEND: pt18456 - Kaiser Aluminum
Si ✓	Fe ✓	Cu ✓
Mn ✓	Mg ✓	Cr ✓
Zn ✓	Ti ✓	Other - Elements Al
MIN. 0.40	0.15	0.80
MAX. 0.80	0.70	0.40
0.15	1.20	0.35
0.25	0.15	0.05
0.15	0.15	Rem.

We hereby certify that the foregoing results are correct, that the material complies with the requirements of the above specifications and purchase order and that the test reports represent the actual attributes of the items furnished on this order. During the manufacturing, testing and inspection, the product did not come into direct contact with mercury or any of its compounds, nor with any mercury containing device employed a single boundary containment.

BY: Art Onaitis

08/04/11



Dart Aerospace Ltd.  
1270 Aberdeen Street  
Hawkesbury, ON K6A 1K7  
Tel: 613 632 9577  
Fax: 613 632 1053

## PURCHASE ORDER

Purchase Order ID **PO15444**

Purchase Order Date 11/11/2011

PO Print Date 11/11/2011

Page Number 1 of 2

Order From :

VU-TWM001

TW METALS  
PO BOX 933014  
ALTANTA, GA 31193-3014  
US

Contact Name

Vendor Phone

585 768 5600

Vendor Fax

585 768 5601

Vendor Account Nbr

Buyer

Brigitte Golden

Requisition Nbr

Tax Resale Nbr

10127-2607

Terms

Net 30

Currency

USD

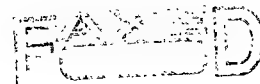
FOB

Destination-Collect *119678*

Ship To :

DART AEROSPACE LTD

1270 ABERDEEN  
HAWKESBURY, ON K6A 1K7  
CANADA



Line Nbr	Reference Revision ID Vendor Part Number	Description/ Mfg ID	Req Date/ Taxable	Req Qty/ Unit of Measure	Ship Method	Unit Price	Extended Price
1	M6061T6T0.375W.058 <i>014</i>	6061-T6 RD Tube .375 x.058W	11/15/2011 Yes	300.00 f	Yours ppd ✓	\$2.2500	\$675.00
		Special Inst:	6061-T6 OR 6061-T62 TUBING PER WW- T-700/6 OR AMS 4080 OR AMS 4082 OR QQ-A-200/8 OR QQ-A-225/8				
2	M304TR1.000W.049 <i>018</i>	304 RD Tube 1.00 x .049W	11/15/2011 Yes	24.00 f	Yours ppd <i>Net 20</i>	\$2.1000	\$50.40
		Special Inst:	AISI 304/316 SS SEAMLESS ROUND BAR ASTM A213 OR ASME SA213 OR ASTM A269				
3	M6061T6T0.3125W.058 <i>013</i>	ALUM TUBE .3125 x .058w	11/15/2011 Yes	200.00 f	Yours ppd <i>Net 20</i>	\$2.2000	\$440.00
		Special Inst:	6061-T6 OR 6061-T62 TUBING PER WW- T-700/6 OR AMS 4080 OR AMS 4082 OR QQ-A-200/8 OR QQ-A-225/8				

No substitution or deviation without  
consent.  
Certificate of Conformity or Material  
Certification required when applicable

Change Nbr: 2

Change Date: 11/11/2011



Dart Aerospace Ltd.  
1270 Aberdeen Street  
Hawkesbury, ON K6A 1K7  
Tel: 613 632 9577  
Fax: 613 632 1053

## PURCHASE ORDER

Purchase Order ID **PO15444**

Purchase Order Date 11/11/2011

PO Print Date 11/11/2011

Page Number 2 of 2

Order From :

VU-TWM001

TW METALS  
PO BOX 933014  
ALTANTA, GA 31193-3014  
US

Contact Name  
Vendor Phone  
Vendor Fax  
Vendor Account Nbr

585 768 5600  
585 768 5601

Buyer  
Requisition Nbr  
Tax Resale Nbr  
Terms  
Currency  
FOB

Brigitte Golden  
10127-2607  
Net 30  
USD  
Destination-Collect

4	M6061T6T0.625W.065 MY	6061-T6 RD Tube .625 x.065W	11/15/2011 Yes	60.00 f	Yours ppd	\$2.1000	\$126.00
---	--------------------------	--------------------------------	-------------------	------------	-----------	----------	----------

Special Inst: 6061-T6 OR 6061-T62 TUBING PER WW-  
T-700/6 OR AMS 4080 OR AMS 4082 OR  
QQ-A-200/8 OR QQ-A-225/8

PO Total:

\$1,291.40

No substitution or deviation without  
consent.  
Certificate of Conformity or Material  
Certification required when applicable

Change Nbr: 2

Change Date: 11/11/2011



Dart Aerospace Ltd.  
1270 Aberdeen Street  
Hawkesbury, ON K6A 1K7  
Tel: 613 632 9577  
Fax: 613 632 1053

## PURCHASE ORDER

Purchase Order ID **PO15444**

Purchase Order Date 11/11/2011

PO Print Date 11/11/2011

Page Number 1 of 2

**Order From :**

VU-TWM001

TW METALS  
PO BOX 933014  
ALTANTA, GA 31193-3014  
US

**Contact Name**

**Vendor Phone** 585 768 5600

**Vendor Fax** 585 768 5601

**Vendor Account Nbr**

**Buyer**

Brigitte Golden

**Requisition Nbr**

**Tax Resale Nbr**

10127-2607

**Terms**

Net 30

**Currency**

USD

**FOB**

Destination Collect

**Ship To :**

DART AEROSPACE LTD 1270 ABERDEEN  
HAWKESBURY, ON K6A 1K7  
CANADA

Line Nbr	Reference Revision ID Vendor Part Number	Description/ Mfg ID	Req Date/ Taxable	Req Qty/ Unit of Measure	Ship Method	Unit Price	Extended Price
1	M6061T6T0.375W.058	6061-T6 RD Tube .375 x.058W	11/15/2011 Yes	300.00 f	Yours ppd	\$2.2500	\$675.00
		<b>Special Inst:</b>	6061-T6 OR 6061-T62 TUBING PER WW- T-700/6 OR AMS 4080 OR AMS 4082 OR QQ-A-200/8 OR QQ-A-225/8				
2	M304TR1.000W.049	304 RD Tube 1.00 x .049W	11/15/2011 Yes	24.00 f	Yours ppd	\$2.1000	\$50.40
		<b>Special Inst:</b>	AISI 304/316 SS SHEET ANNEALED, 2B FINISH SPEC: MIL-S-5059 OR AMS 5513 (304) OR AMS 5525 (316) OR ASTM A240 OR ASME SA240				
3	M6061T6T0.3125W.058	ALUM TUBE .3125 x .058w	11/15/2011 Yes	200.00 f	Yours ppd	\$2.2000	\$440.00

No substitution or deviation without  
consent.  
Certificate of Conformity or Material  
Certification required when applicable

Change Nbr: 1

Change Date: 11/11/2011





Dart Aerospace Ltd.  
1270 Aberdeen Street  
Hawkesbury, ON K6A 1K7  
Tel: 613 632 9577  
Fax: 613 632 1053

## PURCHASE ORDER

Purchase Order ID **PO15444**

Purchase Order Date 11/11/2011

PO Print Date 11/11/2011

Page Number 2 of 2

**Order From :**

VU-TWM001

TW METALS  
PO BOX 933014  
ALTANTA, GA 31193-3014  
US

**Contact Name**

**Vendor Phone** 585 768 5600

**Vendor Fax** 585 768 5601

**Vendor Account Nbr**

**Buyer**

Brigitte Golden

**Requisition Nbr**

**Tax Resale Nbr**

10127-2607

**Terms**

Net 30

**Currency**

USD

**FOB**

Destination-Collect

**Special Inst:** 6061-T6 OR 6061-T62 TUBING PER WW-  
T-700/6 OR AMS 4080 OR AMS 4082 OR  
QQ-A-200/8 OR QQ-A-225/8

4	M6061T6T0.625W.065	6061-T6 RD Tube .625 x.065W	11/15/2011	60.00	Yours ppd	\$2.1000	\$126.00
			Yes	f			

**Special Inst:** 6061-T6 OR 6061-T62 TUBING PER WW-  
T-700/6 OR AMS 4080 OR AMS 4082 OR  
QQ-A-200/8 OR QQ-A-225/8

**PO Total:** \$1,291.40



No substitution or deviation without  
consent.  
Certificate of Conformity or Material  
Certification required when applicable

Change Nbr: 1

Change Date: 11/11/2011

## Chantal Lavoie

---

**From:** Smalley, Donna <donna.smalley@twmetals.com>  
**Sent:** November 11, 2011 11:20 AM  
**To:** Chantal Lavoie  
**Subject:** RE: quote

Donna Smalley  
Inside Account Manager  
TW Metals-Rochester, NY  
Phone 585-768-5600  
Fax 585-768-5601  
Direct 585-768-5604  
800-203-8000  
[www.twmetals.com](http://www.twmetals.com)

---

**From:** Chantal Lavoie [<mailto:clavoie@dartaero.com>]  
**Sent:** Friday, November 11, 2011 10:45 AM  
**To:** Smalley, Donna  
**Cc:** Brigitte Golden  
**Subject:** quote

Hi Donna,  
Please advise price & delivery on material.

6061-t6 round tubing .3125" x .058" wall x 200 ft \$2.20 ft stock ✓  
6061-t6 round tubing .375" x .058" wall x 300 ft \$2.25 ft stock ✓  
6061-t6 round tubing .625" x .065" wall x 60 ft \$2.10 ft stock k ✓  
304 round tubing 1" x .049" wall x 24 ft \$2.10 ft stock ✓

Thanks  
Chantal



Control No: 140529

# Precision Tube Company

A Mueller Industries Company

287 Wissahickon Avenue

North Wales, Pennsylvania 19454

Phone: (215) 699-5801 - Fax: (215) 699-0761

Quality Management System Registered to ISO 9001: 2008

## CERTIFICATION AND TEST REPORTS

CUSTOMER PURCHASE ORDER NO.	CUST. ORD. NO.	PRECISION TUBE P/N
49250970 LINE 001	333694	24A031250580005

SOLD TO  
TW METALS  
SUITE 204  
760 CONSTITUTION DR.  
EXTON, PA 19341

SHIP TO  
TW METALS - CRANBURY  
27 ENGLEHARD DRIVE  
MONROE TWP, NJ 08831

QUANTITY ORD.	DESCRIPTION	QTY. SHIPPED	DATE SHIPPED
3,600 FT	METAL - 6061 ALUM TEMPER - T6 SPEC - AMS 4082P ASTM-B-210-04 AMS-WW-T-700/6A LENGTH - 12 FT LGTH TOL +.1250 IN -.0000 IN SHAPE - ROUND FINISH - STRAIGHT EXACT LENGTHS OD .3125 +.0030 -.0030 ID WALL .0580 +.0040 -.0040	3,960 FT	07/15/11

MECHANICAL PROPERTIES					
SAMPLE #	TENSILE STRENGTH (P.S.I.)	YIELD STRENGTH (P.S.I.)	ELONGATION IN 2 INCHES (%)	ROCKWELL HARDNESS	AVERAGE GRAIN SIZE (MM.)
1	46,208	40,969	16		

EXPANSION TEST:

MERCURIUS NITRATE TEST:

MICRO EXAMINATION:

FLATTENING TEST:

FLARE TEST:

Country of Mfg: USA Country of Mfg: USA

FAR BAA ☒ Complies

Cannot Certify Compliance

DFARS BAA ☒ Complies

Cannot Certify Compliance

FAR TAA ☒ Complies

Cannot Certify Compliance

### NON-DESTRUCTIVE TESTS

EDDY CURRENT TEST: PASS

HYDROSTATIC PRESSURE TEST:

ULTRASONIC TEST:

CHEMICAL COMPOSITION										
ALLOY: 6061		HEAT:		TRACEABILITY #: 541901						
				RAW MATL VEND: pt18096 - Kaiser Aluminum						
MIN.	Si	Fe	Cu	Mn	Mg	Cr	Zn	Ti	Other - Elements Al	
	0.40		0.15		0.80	0.04			Each	Tot.
MAX.	0.80	0.70	0.40	0.15	1.20	0.35	0.25	0.15	0.05	0.15
									Rem.	

We hereby certify that the foregoing results are correct, that the material complies with the requirements of the above specifications and purchase order and that the test reports represent the actual attributes of the items furnished on this order. During the manufacturing, testing and inspection, the product did not come into direct contact with mercury or any of its compounds, nor with any mercury containing device employed a single boundary containment.

BY: Art Onaitis

07/15/11



625 S. FIFTH AVE. (717) 274-2521  
P.O. BOX 630  
LEBANON, PA 17042-0630  
www.newpenn.com

CONSIGNEE MEMO

NPME



DATE 11/14/2011		BILLER KTR	D/T 20	T/S 1	P/U DRIVER 247361	P/U TRAILER	SHIPPER CODE 32741	CONSIGNEE CODE 99999	FREIGHT BILL NO. CD#:2 24790968		
CONSIGNEE	DART AEROSPACE LTD 1270 ABERDEEN ST HAWKESBURY ON K6A					SHIPPER	T W METALS INC 27 ENGLEHARD DR MONROE TWP NJ 08831 R				
	P.O. NO. PD15444						B/L NO. 60453323-12927			P/U NO. 77460514	
TRANSFER FROM		AT	ADV C/L PRO. NO.		TRANSFER TO		AT	DUE ADV. C/L		DUE NPME	DUE DLV. C/L
					SPEEDY TRANSPOR						
PCS.	DESCRIPTION					ACCESSORIAL CHGS.		WEIGHT/LBS.	RATE	CHARGES	
2	C85 PKGS ALUMINUM TUBING ROUND **EXPORT PAPERS ATTACHED TO FRT BILL** * * *PACKING SLIP IS ATTACHED* * * * *					BORDER SECU		88			
						FUEL SUR CH					
					16:20 JTM						
2	← TOTALS →					TERMS: PREPAID		C.O.D. \$		88	TOTAL
BILL TO 16N9 ECOS	RECEIVED IN GOOD CONDITION					SIGNATURE X <i>[Signature]</i>		PRINT NAME			
						DRIVER <i>[Signature]</i>		DEL. DATE		TRL. NO.	
						Thank You					